

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEIn re Application of
PAULS, et al.

Examiner: JOHNSEN, Jason H.

**RECEIVED
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Application No.: 10/616,141

Art Unit: 1623

FEB 06 2006

Filed: 07/08/2003

Title: 1-AROYL-PIPERIDINYL BENZAMIDINES

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UNDER 37 C.F.R. 1.56, 1.97 AND 1.98**

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- ☒ (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97(c) is authorized.

Respectfully submitted,

February 6, 2006


Julie Anne Knight, Reg. No. 48,867
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICEIn re Application of
PAULS, et al.Examiner: **JOHNSEN, Jason H.**Application No.: **10/616,141**Art Unit: **1623**Filed: **07/08/2003****RECEIVED
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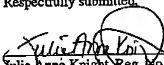
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Sheet	1	of	4
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Complete if Known

Application Number	10/818,141
Filing Date	07/08/2003
First Named Inventor	PAULS, et al.
Group Art Unit	1623
Examiner Name	JOHNSEN, Jason H.
Attorney Docket Number	USA3676 - US - CNT

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Sheet 2 of 4

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Application Number	10/816,141
Filing Date	07/08/2003
First Named Inventor	PAULS, et al.
Group Art Unit	1623
Examiner Name	JOHNSEN, Jason H.
Attorney Docket Number	USA3876 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published.	T ¹
		BEIL, W., et al., Phenotypic and Functional Characterization of Mast Cells Derived from Renal Tumor Tissues, <i>Experimental Hematology</i> Vol. 26, 1998, pages 158-169	
		BISCHOFF, S C., et al., Quantitative Assessment of Intestinal Eosinophils and Mast Cells in Inflammatory Bowel Disease, <i>Histopathology</i> 1999, Vol. 28, pages 1-13	
		BROERSMA, et al., The Effect Of Thrombin Inhibition in a Rat Arterial Thrombosis Model, <i>Thrombosis Research</i> 64: 405-412, 1991	
		BUCKLEY, M., et al., Mast Cell Subpopulations in the Synovial Tissue of Patients with Osteoarthritis: Selective Increase in Numbers of Tryptase-positive, Chymase-negative Mast Cells, <i>Journal of Pathology</i> , Vol. 186, 1998, pages 67-74	
		CAIRNS, et al., Mast Cell Tryptase Stimulates the Synthesis of Type I Collagen in Human Lung Fibroblasts, <i>J. Clin. Invest.</i> , Vol. 98, Number 6, March 1997, pages 1313-1321	
		CAUGHEY, G., et al., Substance P and Vasoactive Intestinal Peptide Degradation by Mast Cell Tryptase and Chymase, <i>The Journal of Pharmacology and Experimental Therapeutics</i> , (1988), Vol. 244, No. 1, pages 133-137	
		FRANCONI, G., et al. et al., Mast Cell Tryptase and Chymase Reverse Airway Smooth Muscle Relaxation Induced by Vasoactive Intestinal Peptide in the Ferret, <i>The Journal of Pharmacology and Experimental Therapeutics</i> , (1988), Vol. 248, No. 3, pages 947-951	
		HASEBE, et al., Photochemical generation of aliphatic radicals from benzophenone oxime esters: simple synthesis of alkylbenzenes and alkylpyridines, <i>CAS Abstr.</i> 106:119639-1987:119639, Hasebe et al, <i>Tetr. Lett</i> 27/28, 3239-42(1986)	
		HIGUCHI, T, et al., Pro-drugs as Novel Drug Delivery Systems, <i>ACS Symposium Series</i> , Vol. 14	
		HOLST, et al., Antithrombotic Effect of Recombinant Truncated Tissue Factor Pathway Inhibitor (TFPI 1-161) in Experimental Venous Thrombosis- A Comparison with Low Molecular Weight Heparin, <i>Thrombosis and Haemostasis</i> , 71 (2) 214-219 (1994)	

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Sheet 3 of 4

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Application Number 10/616,141
 Filing Date 07/08/2003
 First Named Inventor PAULS, et al.
 Group Art Unit 1623
 Examiner Name JOHNSON, Jason H.
 Attorney Docket Number USA3676 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		IRANI, et al., Human Conjunctival Mast Cells: Distribution of MCT and MCTC in Vernal Conjunctivitis and Giant Papillary Conjunctivitis, Journal of Allergy and Clinical Immunology, Volume 86, Number 1 pages 34-40	
		JARVIKALLIO, A., et al., Quantitative Analysis of Tryptase- and Chymase-containing Mast Cells in Atopic Dermatitis and Nummular Eczema, British Journal of Dermatology 1997, Vol. 136, pages 871-877	
		JEZIORSKA, M., et al., Mast Cell Distribution, Activation, and Phenotype in Atherosclerotic Lesions of Human Carotid Arteries, Journal of Pathology, Vol. 182, 1997, pages 115-122	
		KOMOTO, et al., Preparation of alpha-4-(N-benzoylpiperidiny) phenoxy isobutyrate and analogs as hypolipemics, CAS Abstr. 122:81127-1995:55573, Komoto et al. CA 2110095/6/1994	
		KURZ, et al., Rat Model Of Arterial Thrombosis Induced By Ferric Chloride, Thrombosis Research 60; 289-290, 1990	
		MCEJEN, et al., Guinea Pig Lung Tryptase, Biochemical Pharmacology, Vol. 52, pp. 331-340, 1995	
		NAUKKARINEN, A., et al., Immunohistochemical Analysis of Sensory Nerves and Neuropeptides, and Their Contacts with Mast Cells in Developing and Mature Psoriatic Lesions, Archives of Dermatological Research Vol. 285, 1993 pages 341-346	
		ROCHE, E., et al., Bionversible Carriers in Drug Design Theory and Application, American Pharmaceutical Association and Pergamon Press, 1987	
		RUOSS, Stephen J., et al., Mast Cell Tryptase is a Mitogen for Cultured Fibroblasts, J. Clin. Invest., Vol. 88, August 1991, pages 493-499	
		SCHWARTZ, L., et al., The A Form of Human Tryptase is the Predominant Type Present in Blood at Baseline in Normal Subjects and is Elevated in Those with Systemic Mastocytosis, The Journal of Clinical Investigation, Vol. 96, December 1995, pages 2702-2710	

Examiner Signature /Paul Ward/ (09/23/2010)

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		Filing Date	07/08/2003
		First Named Inventor	PAULS, et al.
		Group Art Unit	1823
		Examiner Name	JOHNSEN, Jason H.
Sheet	4	of	4
		Attorney Docket Number	USA3678 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		SEKIZAWA, K., et al., Mast Cell Trypsin Causes Airway Smooth Muscle Hyperresponsiveness in Dogs, J. Clin. Invest., Vol. 83, January 1989, pages 175-179	
		STEINHOFF, M., et al., Agonists of Proteinase-activated Receptor 2 Induce Inflammation by a Neurogenic Mechanism, Nature Medicine, Vol. 6, Number 2, February 2000, pages 151-158	
		TAM, et al., Degradation of Airway Neuropeptides by Human Lung Trypsin, Am. J. Respir. Cell Mol. Biol. Vol. 3, 1990, pages 27-32	
		TETLOW, L., et al., Distribution, Activation and Trypsin/Chymase Phenotype of Mast Cells in the Rheumatoid Lesion, Annals of the Rheumatic Diseases 1999; Vol. 58, pages 549-555	
		WILSON, S. J., et al., Inflammatory Mediators in Naturally Occurring Rhinitis, Clinical and Experimental Allergy, 1998, Vol. 28, pages 220-227	
		ZHANG, M., et al., Mast Cell Trypsin and Asthma, Mediators of Inflammation, Vol. 6, 1997, pages 311-317	

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Art Unit: 1623

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Respectfully submitted,

February 6, 2006


Julie Anne Knight, Reg. No. 48,867
Attorney/Agent for Applicant

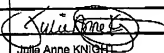
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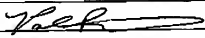
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TRANSMITTAL FORM (to be used for all correspondence after initial filing) Total Number of Pages in This Submission 9	Application Number	10/816,141	RECEIVED CENTRAL FAX CENTER FEB 06 2006
	Filing Date	July 08, 2003	
	First Named Inventor	Heinz PAULS, et al.	
	Art Unit	1624	
	Examiner Name	JOHNSON, Jason H.	
	Attorney Docket Number	USA3876 US CNT	

ENCLOSURES (Check all that apply)		
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PATENT
Docket No: USA3676 US CNTIN THE UNITED STATES PATENT AND TRADEMARK OFFICEIn re Application of
Heinz Pauls et al.

Examiner: Jason H. Johnson

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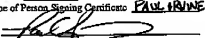
Art Unit: 1623

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Application No.: 10/616,141

Filed: July 8, 2003

Title: 1-Aroyl-Piperidinyl Benzamindines

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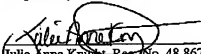
Dear Sir,

This Communication is submitted further to Applicant's Information Disclosure Statement (IDS) and Form 1449 filed February 3, 2006. Applicants note that page 2 of the IDS had two errors. 1) the IDS inadvertently included a "concise explanation" for a reference entitled "Rote Liste". Such reference is not cited in the instant IDS; and 2) the incorrect Docket Number was cited at the bottom of that same page. For purposes of clarity, Applicants concurrently resubmit the IDS in its corrected form herewith. Accordingly, Applicants request that this corrected IDS replace the previous version submitted on February 3, 2006. A copy of the originally submitted Form 1449 is also included herein.

A copy of the originally submitted "Transmittal" fee sheet is included herewith. Applicants believe that no additional fee is due. The Commissioner is hereby authorized, however, to charge any additional fees that may be deemed necessary to Deposit Account No. 18-1982 in the name of Aventis Pharmaceuticals Inc.

Respectfully submitted,

Date: February 6, 2006


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